

# U S ENERGY STORAGE INDUSTRY SCALE ANALYSIS TABLE



What is the market size for energy storage systems in North America? The market size for energy storage systems in North America reached USD 68.9 billion in 2023 and is set to grow at a 16.1% CAGR up to 2032, owing to the continuous integration of clean energy sources. Why is the demand for energy storage systems growing in electric energy time shift applications in North America?



How big is the energy storage industry? In the U.S. energy storage industry, which includes technology types such as pumped hydro, electro-chemical, electro-mechanical, and thermal storage, the electro-chemical segment is projected to surpass USD 231.4 billion by 2034.



What are the different types of energy storage capacity data? We report energy storage capacity data in four segments: residential, community-scale, commercial & industrial, and grid-scale. To simplify this landscape, community and commercial & industrial projects are grouped together under the banner CCI in many of our reports.



What is the growth rate of industrial energy storage? The majority of the growth is due to forklifts (8% CAGR). UPS and data centers show moderate growth (4% CAGR) and telecom backup battery demand shows the lowest growth level (2% CAGR) through 2030. Figure 8. Projected global industrial energy storage deployments by application



How is energy storage industry segmented? The report covers US Energy Storage Companies and it is segmented by Technology (Batteries and Other Energy Storage System Technologies), Phase (Single Phase and Three Phase), and End-User (Residential and Commercial & Industrial).

# U S ENERGY STORAGE INDUSTRY SCALE ANALYSIS TABLE



Which energy storage technology is used in the United States?  
Traditionally, the most widely-used energy storage technology utilized in the United States has been pumped storage systems. As of 2023, the United States had more than 24 GW of storage from pumped hydropower and another 1.5 GW in batteries in the residential, commercial, and utility sectors.



The U.S. energy storage market size crossed USD 106.7 billion in 2024 and is expected to grow at a CAGR of 29.1% from 2025 to 2034, driven by increased renewable energy integration and grid modernization efforts.



Energy Storage Market Analysis. The Energy Storage Market size is estimated at USD 58.41 billion in 2025, and is expected to reach USD 114.01 billion by 2030, at a CAGR of 14.31% during the forecast period (2025-2030). The outbreak of ???



The French energy storage market is expected to grow from 940 MW in 2023 to 3.3 GW in 2030, concentrated on the grid side and industrial and commercial energy storage. France's residential energy storage market is ???



The U.S. energy storage market achieved a new milestone in Q3 2024, driven by strong growth in grid-scale deployments. According to the latest U.S. Energy Storage Monitor report from the American Clean Power ???

# U S ENERGY STORAGE INDUSTRY SCALE ANALYSIS TABLE



The U.S. energy storage market is stronger than ever, and the cost of the most commonly used battery chemistry is trending downward each year. and Wood Mackenzie offering found that the grid-scale storage ???



North America Energy Storage Systems Market size was valued at USD 68.9 billion in 2023 and is projected to grow at a CAGR of 16.1% between 2024 and 2032. The continuous integration of clean energy sources, accompanied by ???



The SFS???supported by the U.S. Department of Energy's Energy Storage Grand Challenge???was designed to examine the potential impact of energy storage technology advancement on the deployment of utility-scale storage and the ???



The US Energy Storage Monitor explores the breadth of the US energy storage market across the utility-scale, residential, and non-residential segments. This quarter's release includes an overview of new deployment ???

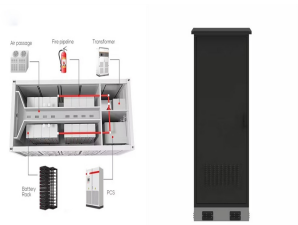


Energy Storage Systems Market Size. The global energy storage systems market was estimated at USD 668.7 billion in 2024 and is expected to reach USD 5.12 trillion by 2034, growing at a CAGR of 21.7% from 2025 to 2034, driven by the ???

# U S ENERGY STORAGE INDUSTRY SCALE ANALYSIS TABLE



Energy Storage Market grow at a CAGR of 10.58% to reach USD 40 Billion by 2035, Global Energy Storage Market Analysis by Technology, Type, End-User, Size, Share, Trends, Growth and Region | Energy Storage Industry.



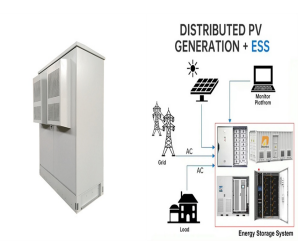
Market Size (2024 to 2033) The Global Energy Storage Market size is forecast to reach US\$ 20.4 billion in 2033 tween 2024 and 2033 overall energy storage demand is set to rise at 15.8% ???



The U.S. energy storage market set new installation records in Q3 2024, according to the latest "U.S. Energy Storage Monitor" report released by the with a total of 3.8 GW and 9.931 GWh deployed ??? 3,431 MW and ???



Energy Storage System Market Size and Trends. The global energy storage system market is estimated to be valued at USD 52.95 Bn in 2025 and is expected to reach USD 86.76 Bn by 2032, exhibiting a compound annual ???



The global energy storage system market was valued at \$198.8 billion in 2022, and is projected to reach \$329.1 billion by 2032, growing at a CAGR of 5.2% from 2023 to 2032. Renewable energy integration has become ???

# U S ENERGY STORAGE INDUSTRY SCALE ANALYSIS TABLE

---



These figures come from the latest edition of the US Energy Storage Monitor. The report was released by Wood Mackenzie and the American Clean Power Association (ACP). The United States" grid-scale energy storage ???